

SUBJECT: APPROVAL OF UTILITY RELOCATION COSTS OF \$231,637.59 TO MTA COMMUNICATIONS LLC FOR THE BIRCH HARBOR DRIVE IMPROVEMENTS PROJECT IN RSA 17 (KNIK), AND EXTENSION OF THE PROJECT COMPLETION DATE TO DECEMBER 31, 2027.

AGENDA OF: August 18, 2026

ASSEMBLY ACTION:

AGENDA ACTION REQUESTED: Present to the Assembly for consideration.

Route To:	Signature
Originator	8/13/2026 X Austin Larson Signed by: Austin Larson
Project Management Division Manager	8/13/2026 X Cole Branham Signed by: Cole Branham
Public Works Director	8/13/2026 X Tom Adams, P.E. Signed by: Tom Adams
Purchasing Director	8/13/2026 X Dustin Silva Signed by: Dustin Silva
Finance Director	8/13/2026 X Cheyenne Heindel Signed by: Cheyenne Heindel
Borough Attorney	8/13/2026 X Nicholas Spiropoulos Signed by: Nicholas Spiropoulos
Borough Manager	8/13/2026 X Michael Brown Signed by: Mike Brown
Borough Clerk	8/13/2026 X L. M cKechnie Signed by: Lennie McKechnie

Fiscal Note (1 pp)

ATTACHMENT (S) : Cost Estimate (6 pp)

Construction Plans (17 pp)

SUMMARY STATEMENT: The Birch Harbor Drive Improvements Project (Project No. 30040-6720) in Road Service Area 17 (Knik) will upgrade an existing portion of Birch Harbor Drive to current MSB standards and pave the roadway, improving safety, durability, and long-term serviceability.

As part of the project design process, utility providers reviewed the project plans to identify potential conflicts with existing infrastructure. Each utility serving the project area was issued a \$5,000 reimbursable purchase order (PO) for preliminary engineering review and coordination. Where conflicts cannot be avoided, utility relocation is required prior to construction, which is currently anticipated to occur during the summer of 2027.

MTA Communications, LLC (MTA) submitted a reimbursable time and materials cost estimate of \$236,637.59 for the relocation of communication facilities affected by the project. Pursuant to MSB 3.08.161, Assembly approval is required for contract awards exceeding \$100,000.

The Administration is requesting approval of \$231,637.59 for MTA's utility relocation services, increasing the total contract amount to \$236,637.59.

Additionally, the Administration requests approval to extend the project completion date to December 31, 2027, and authorization to extend the contract term by up to 90 days if unforeseen circumstances arise.

RECOMMENDATION OF ADMINISTRATION: Approve \$231,637.59 to MTA Communications, LLC for communication utility relocation services associated with the Birch Harbor Drive Improvements Project in RSA 17 (Knik); approve extension of completion date to December 31, 2027; and authorize an extension of the time of performance of up to 90 days if necessary due to unforeseen circumstances.

MATANUSKA-SUSITNA BOROUGH

FISCAL NOTE

Agenda Date: August 18, 2026

SUBJECT: APPROVAL OF UTILITY RELOCATION COSTS OF \$231,637.59 TO MTA COMMUNICATIONS LLC FOR THE BIRCH HARBOR DRIVE IMPROVEMENTS PROJECT IN RSA 17 (KNIK), AND EXTENSION OF THE PROJECT COMPLETION DATE TO DECEMBER 31, 2027.

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT YES NO
AMOUNT REQUESTED \$231,637.59	FUNDING SOURCE RSA Capital Projects
FROM ACCOUNT # 410.000.000 4xx.xxx	PROJECT# 30040
TO ACCOUNT:	PROJECT #
VERIFIED BY: 8 / 3 / 2 0 2 6 ☒ <u>L i e s e l Z a n t o</u> S i g n e d b y : L i e s e l Z a n t o	

EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL		231.6				
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REVENUE						
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FUNDING:

(Thousands of Dollars)

General Fund						
State/Federal Funds						
Other		231.6				
TOTAL		231.6				

POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

APPROVED BY:	 Recoverable Signature
	☒ <u>C h e y e n n e H e i n d e l</u> S i g n e d b y : C h e y e n n e H e i n d e l

OSP Work Order Cover Sheet



Work Order #:	37932	Service Order #:	NONE	Eng:	HLA
Project Description:	BIRCH HARBOR DRIVE IMPROVEMENTS			CLLI:	PNPK
*Purpose:	MSB Relocate			Bud#	345 - Relocate
This work order will relocate MTA Facilities in conflict with MSB Project # 22-17-0268 W Birch Harbor Drive Improvements [Grading, Drainage, and Paving]				Exch:	376 - Wasilla
				Acct. Code:	2423.20 BCU-Buried Copper
				Competitive CLLI? Y/N	Y

Work Order Tracking					
OSP Engineer	07/13/2026	HLA	To ROW	___/___/___	___
OSP Ntwrk Engr	___/___/___		Out of ROW	___/___/___	___
OSP Eng Supv/Frm	___/___/___		Permit Req'd (Y/N)	___	___
DIR E&C	7/14/26	CRB	Verbal (Y/N)	___	___
VP of OEC *	___/___/___		Time	___	___
*(over \$200K Unidentified or 10% over Identified)			Date	___/___/___	___
Final	Is WO Identified?	AGENCY	SPL Comp	___/___/___	___
	2026 Identified	Per ___ Initials	SPL Rem Comp	___/___/___	___
			F/O SPL Comp	___/___/___	___

Original		Estimate Summary		Hours	Dollars	Engineering
Change Orders:		Engineering - Preliminary Design		90.07	15,977.57	Contract Bid
Number / Date / Initial		Engineering - Construction		27.02	4,793.27	
/ /		Engineering - Posting Asbuilt redlines		17.65	3,130.23	
/ /		Survey Prep		4.60	815.99	
/ /		Survey Design - Crew		0.00	0.00	
/ /		Survey Construction - Crew		4.60	815.99	Placing
/ /		Inspector		0.00	0.00	Contract Bid
/ /		Placing		607.63	122,582.37	
/ /		Mobilization & Staging - Placing		88.55	17,864.08	
/ /		Splicing		152.78	31,253.69	Splicing
Cable Information		Mobilization & Staging - Splicing		24.15	4,940.37	Contract Bid
Estimated Footage:		ROW Permits/Easements/Fees			0.00	
Copper Footage	3662	ROW Labor		18.40	3,263.98	
Fiber Footage	0	Materials			21,736.46	
Actual Footage:		Material Overhead			1,308.53	
Copper Footage	0	Boring - Contractor	Footage	571	27,579.30	
Fiber Footage	0	Clearing - Contractor	Footage	648	5,374.00	
Retired Route Footage:		SWPPP			0.00	
Copper Footage	0	Landscaping	Footage	0	0.00	
Fiber Footage	0	Perdiem/Lodging/Meals/Mileage			0.00	
New Route Footage:		Other			0.00	
Copper Footage	0	Aid to Construction			0.00	
Fiber Footage	0					
		Material + Overhead:		\$	23,044.99	
		Labor Sub Total:		\$	205,437.54	ROM or
		Other Sub Total:		\$	32,953.30	Est. Budget
		TOTAL Work Order:		\$	261,435.84	\$261,500.00

Notes:					
VDSL Nodes:		Total Estimated:		VDSL Nodes:	
Total Lots:		0		Loops > 6.5 KFT Before Cutover:	
Total Structures:		0		Loops < 6.5 KFT After Cutover:	
Lots-passed w/Innerduct:		22		Loops > 4 KFT Before Cutover:	
Loops >10 KFT Before Cutover:		0		Loops < 4 KFT After Cutover:	
Fiber Builds:		Total Estimated:		Fiber Builds:	
Total Lots:		0		Total Structures - FTTB:	
FDH being placed? Y or N		N		Total Structures - FTTH:	

Notes:

This work order is priced for Summer Construction. This Estimate includes Units for Survey and Clearing to be provided by MTA.

MSB Reimbursable Estimate: ~~\$241,637.00~~ (\$48,581.11 MATERIALS + \$188,056.48 LABOR) **Total MSB Reimbursable is \$236,637.59**

MTA Betterments Estimate: \$24,798.24 (\$7,417.18 MATERIALS + \$17,381.06 LABOR)

0

DB Relocate Materials Pick List



WO#: 37932
 Exch: 376 - Wasilla
 CLLI: PNP
 Name: MSB Relocate BIRCH HARBOR DRIVE IMPROVEMENTS

Employee Name:
 Employee #:
 Expected Pickup Date:

IM #	Qty	Unit	DESCRIPTION	Reel#	DEPT
0	571	BM 60 (2ea 1.25)	BORED Duct Plastic, 1.25" x 2		Contract
0	648	R 1-15 S Region	CLEAR & GRUB - 15' ONE SIDE (South Region + \$625 mob)		Contract
1601	17	BA 22	POSTWOODRECT3.5x4.5IN x 8FT		PLC
23994	17	BD-4 AH	PEDESTAL,CABLE,CAD8, GLV ST (MAX 400PR)		PLC
16008	17	BM 11	MARKER,PEDESTAL,YLW,4FT,CLAMPS		PLC
1610	1	BM 2 5/8	ROD,GROUND,5/8IN x 8FT,BLACK-		PLC
0	16	BM 2A	WIRE,1C/06 AWG,BARE COPPER,		PLC
0	340	BM 70	Compacted Road/Driveway Crossing added to trenching cost		PLC
17096	3504	BM 92-1.25D	INNERDUCT,1.25IN,BLK/ORG STRIPE		PLC
17096	3262	BM 92-1.25T	INNERDUCT,1.25IN,BLK/ORG STRIP		PLC
25810	100	BM 92-16.0mmOR	MICRODUCT, 16mm OD, 11.76 ID, Orange, Toneable, Direct Buried		PLC
0	52	LBR PLC	PLACING LABOR (BOM REQ)		PLC
0	1	PE 1-3	DOWNGUY (11.2M) - NEW		PLC
25058	662	SEB 4-24 CAT5	DROP,CAT 5E,BUR, Filled, 4x24,5MFT		PLC
16880	685	UFC 100-24	CABLE 100-24 Underground, in Conduit		PLC
16831	26	UFC 12-24	CABLE 12-24 Underground, in Conduit		PLC
16879	2089	UFC 200-24	CABLE 200-24 Underground, in Conduit		PLC
16864	165	UFC 25-24	CABLE 25-24 Underground, in Conduit		PLC
16984	522	UFC 50-24	CABLE 50-24 Underground, in Conduit		PLC
17080	175	UFC 6-24	CABLE 6-24 Underground, in Conduit		PLC
0	3	WBD C	PEDESTAL REARRANGEMENT		PLC
0	225	WBFC	LOWER BURIED FILLED CABLE		PLC
0	2	WBH	HANDHOLE REARRANGEMENT		PLC
0	15	WBM 92 ()	REARRANGE INNERDUCT		PLC
0	14	WC	REARRANGE CABLE ATTACHMENT		PLC
0	2	XBA	REMOVE STUB POLE		PLC
0	7	XBD	REMOVE PEDESTAL (3 4 OR 5)		PLC
0	340	XBM 92-1.25	ABANDON DUCT, 1.25"		PLC
0	546	XCF 12-24	12 PAIR FIGURE 8 REMOVAL		PLC
0	3	XNPE-1	REMOVE DOWN GUY		PLC
0	2	XPF	REMOVE ANY ANCHOR		PLC
0	2	XPM 11	REMOVE GUY GUARD		PLC
0	422	XSEA	REMOVE AERIAL DROP		PLC
0	8	BM 2C	EXISTING PED NEW CA BONDING		SPL
0	3	BM 2D	NEW PED EXISTING CABLE BOND		SPL
0	1	BM 30-(12)	PC STUB 12 PR		SPL
0	12	BM 30-(25)	PC STUB 25 PR		SPL
0	3	BM 30-(6)	PC STUB 6 PR.		SPL
19337	3	BM 50 (6/12)	TERMINAL 6 OR 12 PR		SPL
0	14	HBFC-2	BUR FILL CLOSURE (6-12 PR)		SPL
0	39	HC-1	CABLE SPLICING W/INDIV. CONN.		SPL
0	1962	HC-3	CABLE SPLICING W/MOD		SPL
0	17	PEDS-C	SPL SET-UP BD3,4,5,&7		SPL
0	80	WHC-1	CABLE THROW W/INDIV. CONN 100 PR		SPL
0	750	WHC-3	CABLE THROW W/MOD 100 PR		SPL
0	125	WHC-4	REARRANGE JUMPERS IN B-BOX		SPL
0	8	WSEA	REARRANGE AERIAL DROP		SPL
0	8	WSEB	REARRANGE BURIED DROP		SPL
0	1499	XBFC 150-24	150 PAIR BURIED ABANDON		SPL
0	783	XBFC 200-24	200 PAIR BURIED ABANDON		SPL
0	271	XBFC 25-24	25 PAIR BURIED ABANDON		SPL

DB Relocate Materials Pick List

WO#: <u>37932</u> Exch: <u>376 - Wasilla</u> CLLI: <u>PNPK</u> Name: MSB Relocate BIRCH HARBOR DRIVE IMPROVEMENTS  Employee Name: _____ Employee #: _____ Expected Pickup Date: _____					
IM #	Qty	Unit	DESCRIPTION	Reel#	DEPT
0	50	XBFC 400-24	400 PAIR BURIED ABANDON		SPL
0	105	XBFC 50-24	50 PAIR BURIED ABANDON		SPL
0	340	XBFC 6-24	6 PAIR BURIED ABANDON		SPL

DB Relocate Materials Pick List

WO#: <u>37932</u> Exch: <u>376 - Wasilla</u> CLLI: <u>PNPK</u> Name: <u>MSB Relocate BIRCH HARBOR DRIVE IMPROVEMENTS</u>  Employee Name: _____ Employee #: _____ Expected Pickup Date: _____					
IM #	Qty	Unit	DESCRIPTION	Reel#	DEPT
0	9	XBM 30	REMOVE PC STUB		SPL
0	3	XHR	REMOVE AERIAL TERMINAL		SPL
0	1	XSEB	REMOVE BURIED DROP		SPL

Relocate Summary Report

WO#:		37932			Employee Name:					Matanuska Telephone Association Relocate - Summary Report			
Exch:		376 - Wasilla			Employee #:								
CLLI:		PNPK			Expected Pickup Date:								
Name:		MSB Relocate BIRCH HARBOR DRIVE IMPROVEMENTS											
IM #	Qty	Unit	DESCRIPTION	Comments	DEPT	Material Cost	DB Labor Hours	Replacement in Kind - Materials	Replacement in Kind - LABOR	Betterment - Materials	Betterment - LABOR		
0	571	BM 60 (2ea 1.25)	BORED Duct Plastic, 1.25" x 2	B=516' UP FROM BM 60 (2) @ \$47.50', 100%*B*=55'	Contract	27,579.30	0	\$24,510.00		\$3,069.30			
0	648	R 1-15 S Region	CLEAR & GRUB - 15' ONE SIDE MTA		Contract	5,374.00	0	\$5,374.00					
0		Engineering Hours			Eng		134.74						
0		Surveying Hours			Eng		9.20						
0		Placing Mobilization &			PLC		88.55						
0		Splicing Mobilization &			SPL	-	24.15						
1601	17	BA 22	POSTWOODRECT3.5x4.5IN x 8FT	B=1	PLC	601.80	\$ 1,972.01	\$566.40	\$1,856.01	\$35.40	\$116.00		
23994	17	BD-4 AH	PEDESTAL,CABLE,CAD8,GLV ST (MAX 400PR)	B=1	PLC	2,254.71	\$ 11,832.05	\$2,122.08	\$11,136.05	\$132.63	\$696.00		
16008	17	BM 11	MARKER,PEDESTAL,YLW,4FT,CLAMPS	B=1	PLC	205.19	\$ 1,183.21	\$193.12	\$1,113.60	\$12.07	\$69.60		
1610	1	BM 2 5/8	ROD,GROUND,5/8IN x 8FT,BLACK-		PLC	22.43	\$ 116.00	\$22.43	\$116.00				
0	16	BM 2A	WIRE,1C/06 AWG,BARE COPPER,	B=1	PLC	-	\$ 1,113.60	\$0.00	\$1,044.00	\$0.00	\$69.60		
0	340	BM 70	Compacted Road/Driveway Crossing added to trenching cost		PLC	-	\$ 26,290.82	\$0.00	\$26,290.82				
17096	3504	BM 92-1.25D	INNERDUCT,1.25IN,BLK/ORG STRIPE	B=3504'	PLC	1,927.20	\$ 4,064.66			\$1,927.20	\$4,064.66		
17096	3262	BM 92-1.25T	INNERDUCT,1.25IN,BLK/ORG STRIP	B=25' LABOR, 3262' MATERIALS	PLC	1,794.10	\$ 45,407.24		\$45,059.23	\$1,794.10	\$348.00		
25810	100	BM 92-16.0mmOR	MICRODUCT, 16mm OD, 11.76 ID, Orange, Toneable, Direct Buried	*B* =X'	PLC	38.00	\$ 232.00			\$38.00	\$232.00		
0	52	LBR PLC	PLACING LABOR (BOM REQ)		PLC	-	\$ 12,064.05		\$12,064.05				
0	1	PE 1-3	DOWNGUY (11.2M) - NEW	B	PLC	-	\$ 232.00				\$232.00		
25058	662	SEB 4-24 CAT5	DROP,CAT 5E,BUR, Filled, 4x24,5MFT		PLC	198.60	\$ 1,535.85	\$198.60	\$1,535.85				
16880	685	UFC 100-24	CABLE 100-24 Underground, in Conduit	B=44' + 641' LABOR	PLC	2,205.70	\$ 794.60	\$2,064.02		\$141.68	\$794.60		
16831	26	UFC 12-24	CABLE 12-24 Underground, in Conduit	B=LABOR	PLC	17.94	\$ 30.16	\$17.94			\$30.16		
16879	2089	UFC 200-24	CABLE 200-24 Underground, in Conduit	B=LABOR	PLC	11,176.15	\$ 3,392.55	\$11,176.15			\$3,392.55		
16864	165	UFC 25-24	CABLE 25-24 Underground, in Conduit	B=LABOR	PLC	176.55	\$ 191.40	\$176.55			\$191.40		
16984	522	UFC 50-24	CABLE 50-24 Underground, in Conduit	B=LABOR	PLC	986.58	\$ 605.52	\$986.58			\$605.52		
17080	175	UFC 6-24	CABLE 6-24 Underground, in Conduit	B=LABOR	PLC	71.75	\$ 203.00	\$71.75			\$203.00		
0	3	WBD C	PEDESTAL REARRANGEMENT		PLC	-	\$ 522.00		\$522.00				
0	225	WBFC	LOWER BURIED FILLED CABLE	B=20	PLC	-	\$ 3,132.01		\$2,853.61		\$278.40		
0	2	WBH	HANDHOLE REARRANGEMENT		PLC	-	\$ 2,320.01		\$2,320.01				
0	15	WBM 92 ()	REARRANGE INNERDUCT	B=5'	PLC	-	\$ 208.80		\$139.20		\$69.60		
0	14	WC	REARRANGE CABLE ATTACHMENT	B=3	PLC	-	\$ 1,624.01		\$1,624.01				
0	2	XBA	REMOVE STUB POLE		PLC	-	\$ 232.00		\$232.00				
0	7	XBD	REMOVE PEDESTAL (3 4 OR 5)	B=1	PLC	-	\$ 812.00		\$696.00		\$116.00		
0	340	XBM 92-1.25	ABANDON DUCT, 1.25"	B=242'	PLC	-	\$ -		\$0.00				
0	546	XCF 12-24	12 PAIR FIGURE 8 REMOVAL		PLC	-	\$ 633.36		\$633.36				
0	3	XNPE-1	REMOVE DOWN GUY	B=1	PLC	-	\$ 348.00		\$232.00		\$116.00		
0	2	XPF	REMOVE ANY ANCHOR		PLC	-	\$ 464.00		\$464.00				
0	2	XPM 11	REMOVE GUY GUARD		PLC	-	\$ 46.40		\$46.40				
0	422	XSEA	REMOVE AERIAL DROP		PLC	-	\$ 979.04		\$979.04				
0	8	BM 2C	EXISTING PED NEW CA BONDING		SPL	-	\$ 564.61		\$564.61				
0	3	BM 2D	NEW PED EXISTING CABLE BOND	B=1	SPL	-	\$ 211.73		\$141.15		\$70.58		
0	1	BM 30-(12)	PC STUB 12 PR		SPL	-	\$ 117.63		\$117.63				
0	12	BM 30-(25)	PC STUB 25 PR		SPL	-	\$ 1,411.53		\$1,411.53				
0	3	BM 30-(6)	PC STUB 6 PR		SPL	-	\$ 352.88		\$352.88				
19337	3	BM 50 (6/12)	TERMINAL 6 OR 12 PR	B=1	SPL	59.76	\$ 352.88	\$39.84	\$235.26	\$19.92	\$117.63		
0	14	HBFC-2	BUR FILL CLOSURE (6-12 PR)		SPL	-	\$ 3,293.58		\$3,293.58				
0	39	HC-1	CABLE SPLICING W/INDIV. CONN.		SPL	-	\$ 183.50		\$183.50				
0	1962	HC-3	CABLE SPLICING W/MOD		SPL	-	\$ 4,615.71		\$4,615.71				
0	17	PEDS-C	SPL SET-UP BD3,4,5,&7	B=1	SPL	-	\$ 1,999.67		\$1,882.04		\$117.63		
0	80	WHC-1	CABLE THROW W/INDIV. CONN 100 PR		SPL	-	\$ 1,505.64		\$1,505.64				
0	750	WHC-3	CABLE THROW W/MOD 100 PR	B=100	SPL	-	\$ 10,586.50		\$9,174.96		\$1,411.53		
0	125	WHC-4	REARRANGE JUMPERS IN B-BOX		SPL	-	\$ 2,940.69		\$2,940.69				
0	8	WSEA	REARRANGE AERIAL DROP		SPL	-	\$ 941.02		\$941.02				
0	8	WSEB	REARRANGE BURIED DROP		SPL	-	\$ 941.02		\$941.02				
0	1499	XBFC 150-24	150 PAIR BURIED ABANDON		SPL	-	\$ -		\$0.00				
0	783	XBFC 200-24	200 PAIR BURIED ABANDON		SPL	-	\$ -		\$0.00				
0	271	XBFC 25-24	25 PAIR BURIED ABANDON		SPL	-	\$ -		\$0.00				
0	50	XBFC 400-24	400 PAIR BURIED ABANDON	B=50'	SPL	-	\$ -		\$0.00				
0	105	XBFC 50-24	50 PAIR BURIED ABANDON		SPL	-	\$ -		\$0.00				

Name:	MSB Relocate BIRCH HARBOR DRIVE IMPROVEMENTS
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Expected Pickup Date:

Relocate - Summary Report

AM 26-114 2:27 PM 7/13/2026

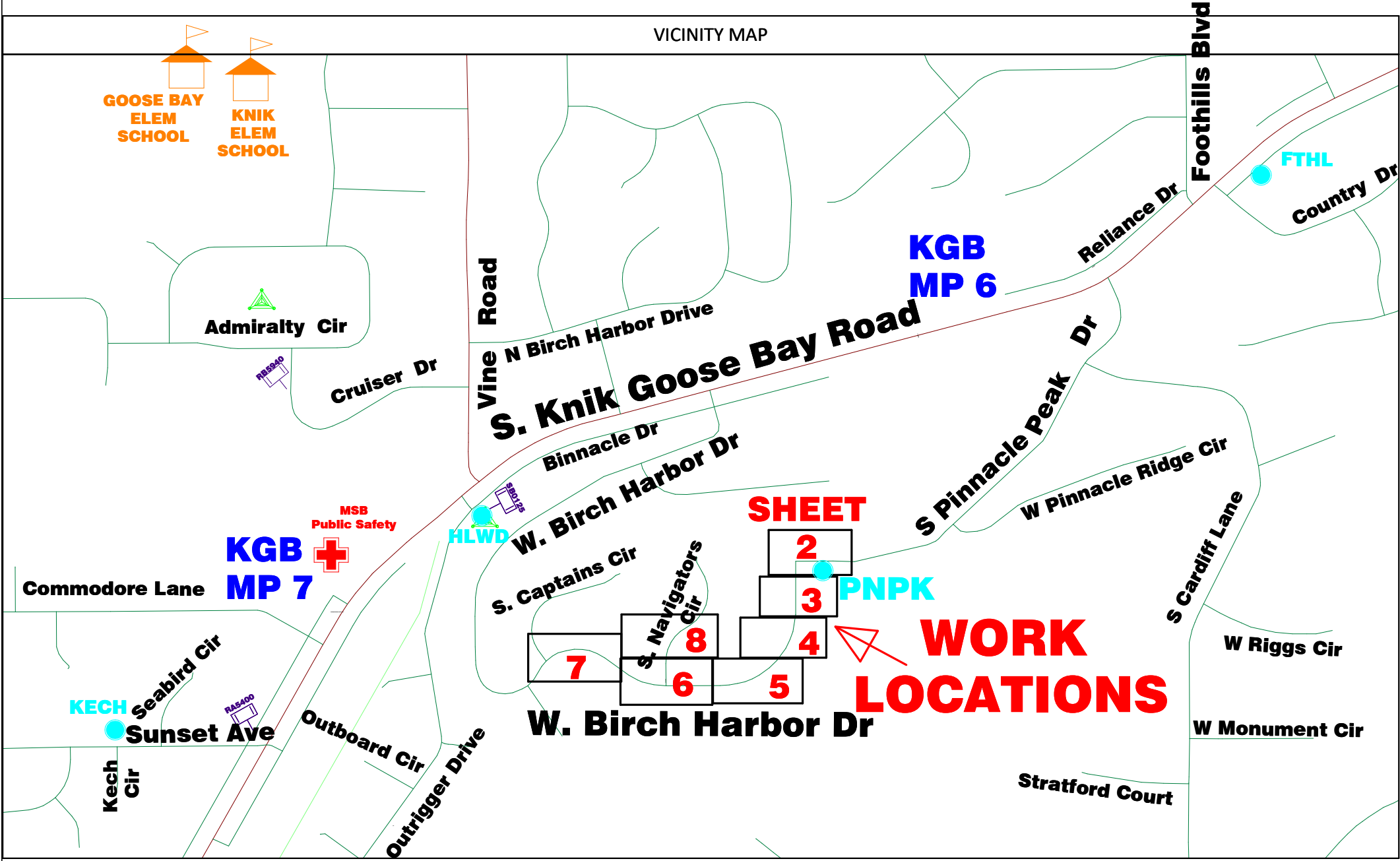
LEGEND:

CABLE PLACEMENT DEPTHS:	COPPER	FIBER
PUBLIC UTILITY EASMENT:	36" MIN	42" MIN
ROAD ROW (OUTER 5')	36"	42"
ROAD CROSSINGS	48"	48"
AERIAL CABLE		
BURIED CABLE		
NEW PEDESTAL		☐
EXISTING PEDESTAL		☐
MUNICIPALITY OF ANCHORAGE:	COPPER	FIBER
PUBLIC UTILITY EASEMENT:	42" MIN	42" MIN
ROAD ROW (OUTER 5')	42"	42"
ROAD CROSSINGS	48"	48"

CONSTRUCTION COPY
W.O. OVERVIEW

MSB BIRCH HARBOR DRIVE IMPROVEMENTS
This work order will relocate MTA Facilities in conflict with
MSB Project # 22-17-0268 W Birch Harbor Drive Improvements [Grading, Drainage, and Paving].
This project will place approximately 2089' UFC 200-24, 685' UFC 100-24, 522' UFC 50-24, 217' UFC 25-24,
26' UFC 12-24, 175' UFC 6-24, 17 BD-4 AH, 3626' BM 92-1.25T used as Copper Sleeves,
3504' BM 92-1.25D, and associated minor materials.
This project will remove/abandon 50' XBFC 400-24, 783' XBFC 200-24, 1499' XBFC 150-24, 105' XBFC 50-24,
271' XBFC 25-24, 546' XCF 12-24, 340' XBFC 6-24, six Copper Pedestals and associated minor materials.

TL=2677'
DIRECTIONAL BORE=571'
CLEARING 648' MTA TO PROVIDE
SURVEY AND CLEARING SHEETS 4, 5, 6, & 7.



CALL BEFORE YOU DIG!!!	
ALASKA Digline INC 1-800-478-3121 - (811) COMPANY PROVIDED LOCATES	
GOLDEN VALLEY ELECTRIC	
ASSOCIATION	
CANTWELL - CLEAR:	452-1151
PARKS SERVICE	
MAINTENANCE DEPT:	683-2294
MATANUSKA - SUSITNA BOROUGH	
PUBLIC WORKS:	745-9802
CITY OF PALMER PUBLIC WORKS	
PUBLIC WORKS:	745-3925
DOT TRAFFIC SIGNALS	
ER-KNIK:	371-7081
VALLEY:	745-2102
STREET LIGHTS	
ER-KNIK:	338-1436
VALLEY:	745-2102

CONSTRUCTION NOTES:

Y

CAUTION: LOCATE ALL UNDERGROUND FACILITIES IN AREA BEFORE START OF CONSTRUCTION - LOCATIONS ON PRINTS ARE APPROXIMATE. DRAWINGS ARE NOT TO SCALE. EXPOSE ALL CROSSINGS OF EXISTING BURIED FACILITIES BY HAND. USE EXTREME CAUTION WHILE WORKING AROUND HIGH VOLTAGE POWER LINES AND GAS MAINS.

Y

SIGN AND/OR FLAG WORK LOCATION WITHIN ROAD ROW WHERE VISIBILITY IS LESS THAN 500 FT. BOTH DIRECTIONS. OBSERVE ALL APPLICABLE SAFETY PROCEDURES FROM ADOT, BOROUGH, MTA, MUNICIPALITY OF ANCHORAGE AND AREA.

Y

PROJECT WILL BE STAKED - NO DEVIATIONS WILL BE PERMITTED WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEERING DEPT. CONTACT ENGINEERING 48 HRS PRIOR START OF CONSTRUCTION FOR STAKES - IF REQUIRED. ALL MTA STAKING, LATH AND FLAGGING WILL BE REMOVED AT COMPLETION OF THE WORK ORDER.

Y

A COPY OF APPROPRIATE PERMITS MUST BE ON SITE DURING CONSTRUCTION.

Y

USE CAUTION WHEN DIGGING NEAR POWER POLES - SUPPORT IF NECESSARY.

Y

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO ORIGINAL CONDITION. DO NOT DISTURB LOT PINS OR SURVEY MARKERS.

Y

ALL OPEN CUT ROAD CROSSINGS SHALL BE RECOMPACTED PER PERMIT REQUIREMENTS.

Y

THE FOLLOWING WORK WILL BE REQUIRED AT ALL INNERDUCT JOINTS: A MINIMUM 12" LENGTH OF HEAT SHRINK TUBING TO BE APPLIED EQUALLY OVER BOTH SIDES OF THE INNERDUCT COUPLING TO MAKE AN AIRTIGHT SEAL.

Y

CLEARING REQUIRED

N

CREEK/LAKE

Y

PIPE PUSH/BORE

Y

CUT SHEETS REQUIRED

N

CONST SURVEY ONLY

Y

CAT REQUIRED (COPPER)

N

SWAMP

Y

LANE CLOSURE REQUIRED

Y

CO & HUT MDF JUMPERS CABLE

Y

R.O.W. REQ REVIEW

ALL

SHEET(S)

MILEPOST

MILEPOINT

ROUTE#

OSP E&C SUPV/FOREMAN:

DATE:

NETWORK PLANNER:

DATE:

DIRECTOR OSP ENG&CONST:

DATE: 7/14/26

R.O.W AGENT:

DATE:

RELATED WO:

CLLI: PNPk

WO#: 376-37932

ENG: H.Anderson

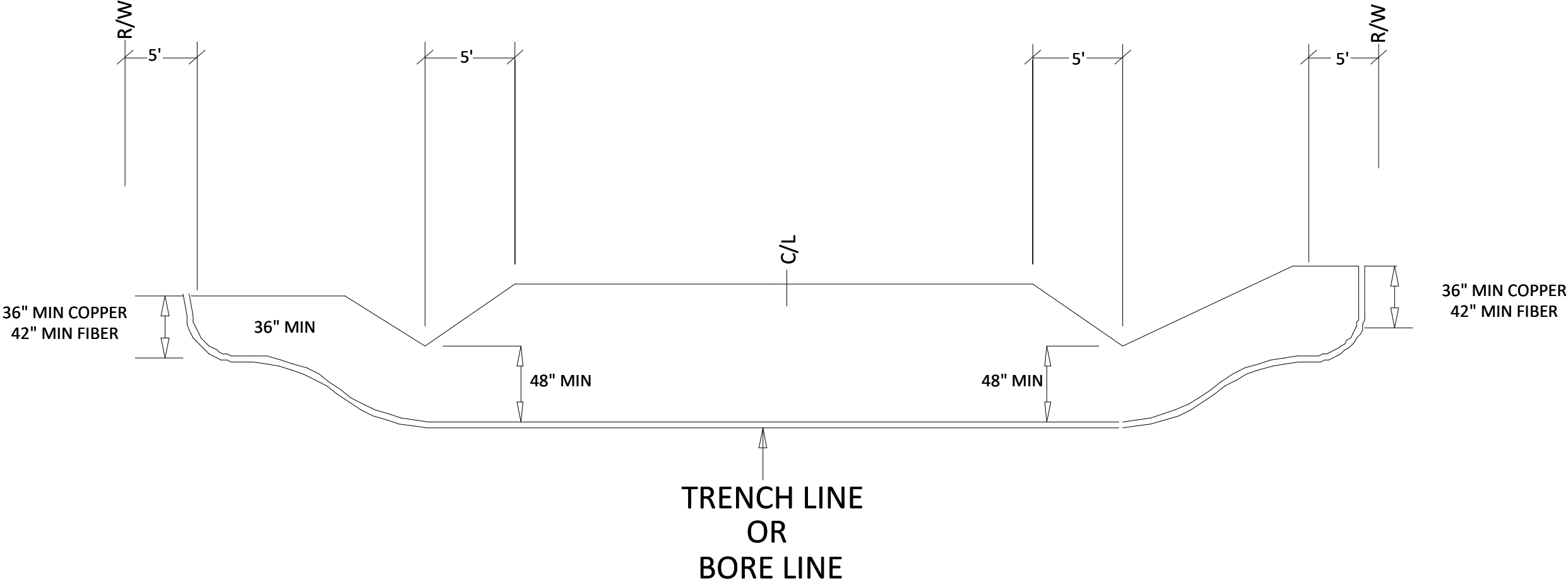
DATE: 07/13/2026

FILE: CV_376-37932 SHEET 1 OF 8

MTA

376-37932 SHEET 1 OF 8

TYPICAL MSB ROAD
CROSSING
DETAIL



WO NUMBER: 376-37932	
ENGINEER: H.Anderson	
CLLI: PNPk	TWIN: 17N
RNG: 02W	SEC: 26
GRID: NW3050	MSB: HO 16
DRAFTER:	
AS BUILT DATE:	
WO DESC.:	
SHEET NAME:	

NOTES:
Scale:

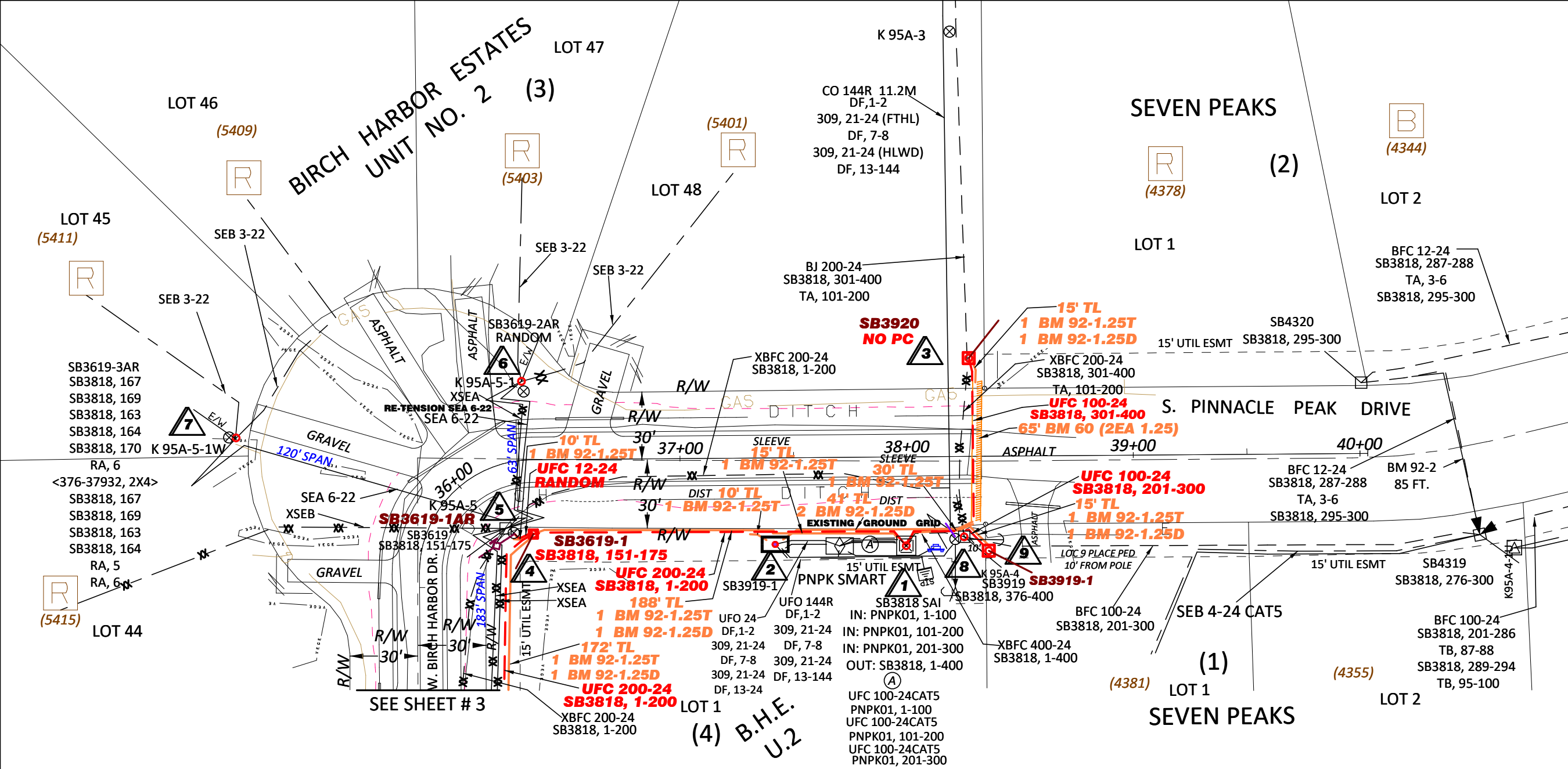
Filename: CV_376-37932 SHEET 1A OF 8
Staked By: AD\handerson
Last Accessed By:
Last Saved: 5/22/2026

SUB. INFO

[IMAGE MTALOGO-ModelJPG.]

376-37932 SHEET 1A OF 8

- GENERAL BORING / EXCAVATION NOTES:
- ALL CONDUIT PLACED BY BORING OR EXCAVATION MUST BE A MINIMUM OF 4 FEET BELOW THE LOWEST ROAD EXCAVATION (USUALLY THE DITCH BOTTOM)
 - NOTED BORE/TRENCH LENGTHS ARE APPROXIMATE. ACTUAL LENGTHS MAY VARY DEPENDING ON RIG SETUP LOCATIONS.



WO NUMBER:	376-37932
ENGINEER:	H.Anderson
CSA:	PNPK
TWN:	17N
RNG:	02W
SEC:	26
GRID:	NW3050
MSB or MOA:	HO 16
CREATION DATE:	

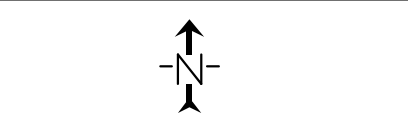
NOTES:
Scale: 1 TO 50
UTILITY FACILITIES NOT TO SCALE, NTS.
CONSTRUCTION NOTES:
EXISTING GROUND GRID -
USE CAUTION WHEN DIGGING
AROUND PNPK HUT, LOC 2 HH
TO METER BASE NEAR LOC 8 POLE.

LOC 4, PLACE PROPOSED PED
TEN FEET FROM POLE.

LOC 5, K 95A-A
REMOVE PED, SWING AERIAL
DROPS TO NEW BM 50 (6/12).
LOCS 5 TO 6, REMOVE SEA 2-22
AND RETENSION SEA 6-22.

LOC 8, MEA WO WILL CHANGE
OUT POLE K95A-4.
TRANSFER RISER TO NEW POLE
REMOVE EXISTING PED.

LOC 9, PLACE PROPOSED PED
TEN FEET FROM POLE.



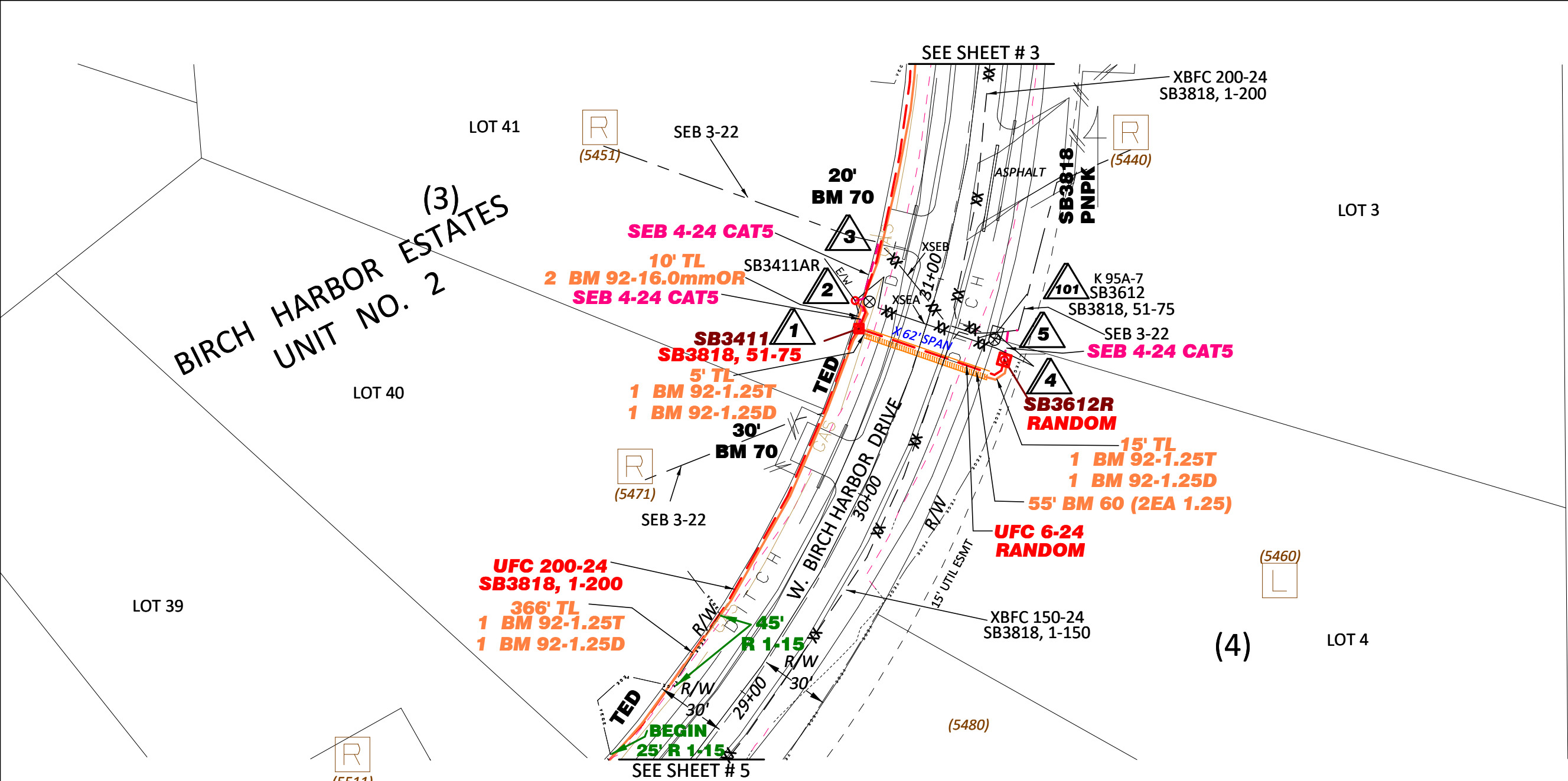
WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY
3	*B*=LABOR UFC 100-24	130'	0	0	0	0	0	0	0	0	
4	*B*=LABOR UFC 200-24	211'	0	0	0	0	0	0	0	0	
5	*B*=LABOR UFC 12-24	26'	0	0	0	0	0	0	0	0	
5	XBFC 200-24	206'	0	0	0	0	0	0	0	0	
6	XSEA	167'	WC 2	0	0	0	0	0	0	0	
3	BD-4 AH	1	BA 22 1	BM 2 5/8 1	BM 11 1	WBFC 50	XBFC 200-24 85	0	0	0	
4	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0	
5	XBD	1	XBM 30 1	XSEB 1	0	0	0	0	0	0	
1	TL	30'	*B*=MATERIALS BM 92-1.25T 40								
2	TL	10'	*B*=MATERIALS BM 92-1.25T 20								

Filename:	SS_376-37932 2 OF 8
Staked By:	AD\handerson
Last Saved:	07/13/2026



WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 376-37932
2	TL	41'	*B* BM 92-1.25D 51										ENGINEER: H.Anderson
2	TL	15'	*B*=MATERIALS BM 92-1.25T 25										CSA:
3	*B*=UP FROM (BM 60 (2) BM 60 (2EA 1.25)	65'											TWN:
3	TL	15'	*B*=MATERIALS BM 92-1.25T 25	*B* BM 92-1.25D 25									RNG:
4	TL	188'	*B*=MATERIALS BM 92-1.25T 198	*B* BM 92-1.25D 198									SEC:
5	TL	10'	*B*=MATERIALS BM 92-1.25T 20										GRID:
8	*B* XBFC 400-24	50'	0	0	0	0	0	0	0	0	0	0	MSB or MOA:
8	*B* XBD	1	*B* WC 3	*B* PE 1-3 1	*B* XNPE-1 1	*B* WBM 92 () 5	0	0	0	0	0	0	CREATION DATE:
9	*B* UFC 100-24	44'	0	0	0	0	0	0	0	0	0	0	NOTES: Scale: 1 TO 50
9	TL	15'	*B* BM 92-1.25T 25	*B* BM 92-1.25D 25									
9	*B* BD-4 AH	1	*B* BA 22 1	*B* BM 2A 1	*B* BM 11 1	*B* WBFC 20	0	0	0	0	0	0	
1	WBD C	1	BM 2C 2	WHC-3 200	WHC-4 106	BM 2C 1	WHC-3 100	BM 2C 1	WHC-3 100	WHC-4 12			
2	WBH	2	0	0	0	0	0	0	0	0			
3	PEDS-C	1	BM 2D 1	WHC-3 100	0	0	0	0	0	0			
4	PEDS-C	1	HC-3 200	0	0	0	0	0	0	0			
9	*B* PEDS-C	1	*B* BM 2D 1	*B* WHC-3 100	0	0	0	0	0	0			
6	WHC-1	2	0	0	0	0	0	0	0	0			
7	WHC-1	1	0	0	0	0	0	0	0	0			
4	BM 30-(25)	1	0	0	0	0	0	0	0	0			↑ -N- ↓
5	BM 50 (6/12)	1	WSEA 1	WHC-1 4	WSEA 1	WHC-1 4	WSEA 2	WHC-1 4	0	0			
													┌┐┐ └└└ ┌┐┐ └└└ ┌ Filename: SS_376-37932 2 OF 8 Staked By: AD\handerson Last Saved: 07/13/2026
													376-37932 2A OF 8

WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 376-37932
3	TL	50'	*B*=MATERIALS BM 92-1.25T 60	*B* BM 92-1.25D 60									ENGINEER: H.Anderson
4	TL	10'	*B* BM 92-16.0mmOR 40										CSA:
1	PEDS-C	1	HC-3 200	0	0	0	0	0	0	0			TWN:
3	PEDS-C	1	HC-3 200	0	0	0	0	0	0	0			RNG:
4	WSEB	1	WHC-1 2	WSEB 1	WHC-1 2	0	0	0	0	0			SEC:
1	BM 30-(25)	1	HC-1 2	HC-1 2	0	0	0	0	0	0			GRID:
2	BM 50 (6/12)	1	0	0	0	0	0	0	0	0			MSB or MOA:
3	BM 30-(25)	1	HC-1 2	HC-1 2	0	0	0	0	0	0			CREATION DATE:
													NOTES: Scale: 1 TO 50
													↑ -N- ↓
													MTA
													376-37932 3A OF 8



WO NUMBER:
376-37932

ENGINEER:
H.Anderson

CSA: PNPk

TWN: 17N

RNG: 02W

SEC: 26

GRID: NW3050

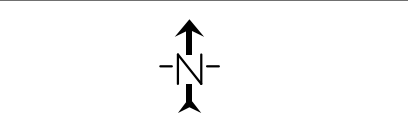
MSB or MOA: HO 16

CREATION DATE:

NOTES:
Scale: 1 TO 50

CONSTRUCTION NOTES:
CLEARING;
BEGIN 25' R 1-15 TO SHEET 5

TRENCH EXTRA DEPTH (TED)
CUTS TO R/W
100' TED 24+50 TO 25+50
400' TED 26+50 TO 30+50
LBR PLC ADDED



WL	UNIT DESC	QUANTITY	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT
1	*B*=LABOR UFC 200-24	290'	BM 70 25	BM 70 20	0	0	0	0	0	0		
101	XBFC 200-24	492'	0	0	0	0	0	0	0	0		
2	SEB 4-24 CAT5	26'	0	0	0	0	0	0	0	0		
2	XSEA	111'	WC 2	0	0	0	0	0	0	0		
3	SEB 4-24 CAT5	30'	WBFC 15	BM 70 15	HBFC-2 1	WHC-1 3	0	0	0	0		
4	*B*=LABOR UFC 6-24	95'	0	0	0	0	0	0	0	0		
5	SEB 4-24 CAT5	18'	WBFC 10	HBFC-2 1	WHC-1 3	0	0	0	0	0		
1	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0		
101	XBD	1	XBM 30 1	0	0	0	0	0	0	0		
4	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	WBFC 25	0	0	0	0		

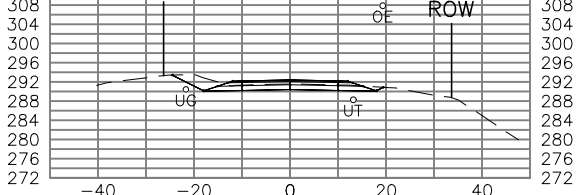
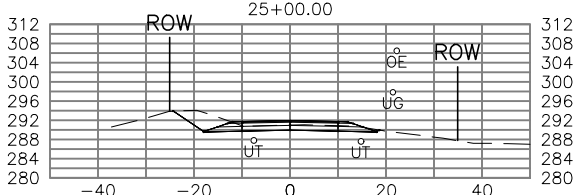
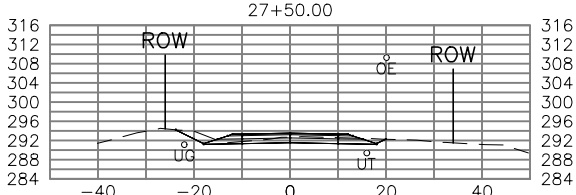
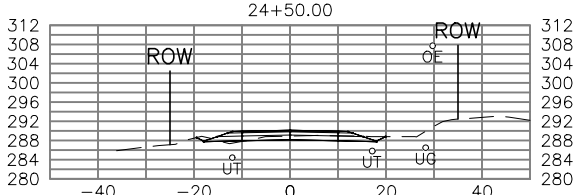
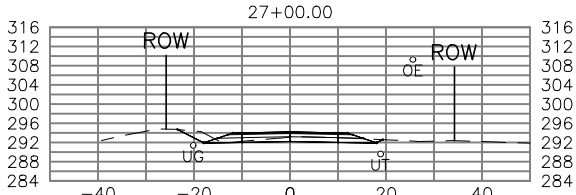
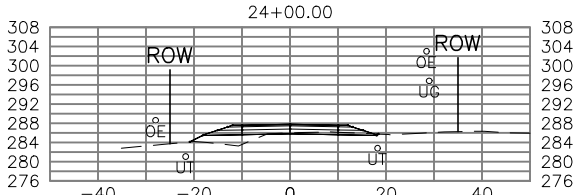
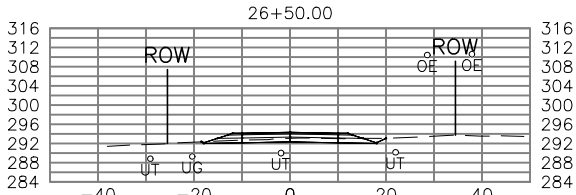
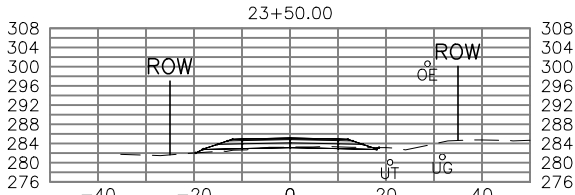
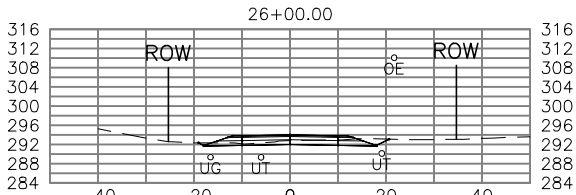
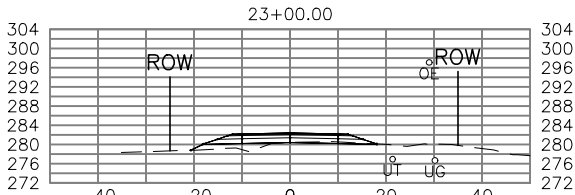
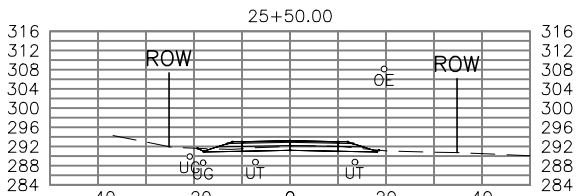
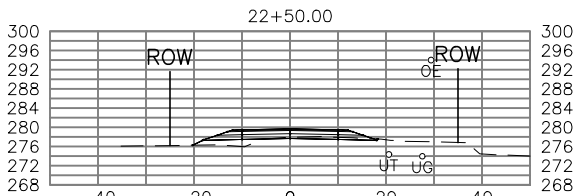
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SS_376-37932 4 OF 8

Staked By: AD\handerson

Last Saved: 7/8/2026

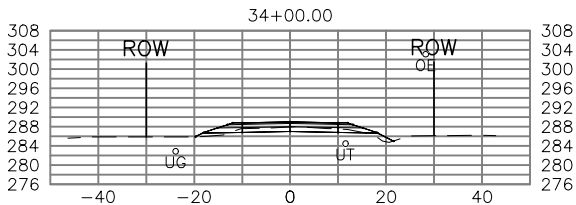
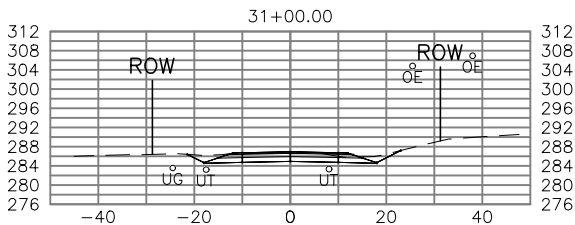
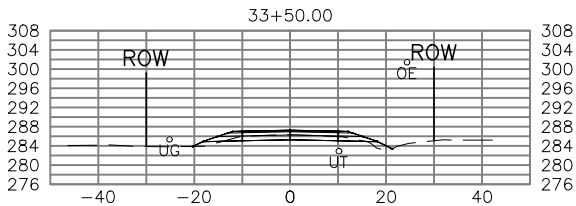
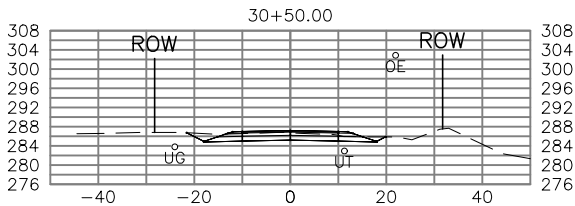
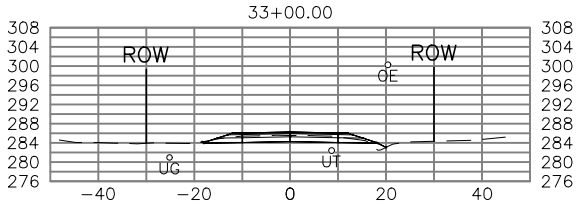
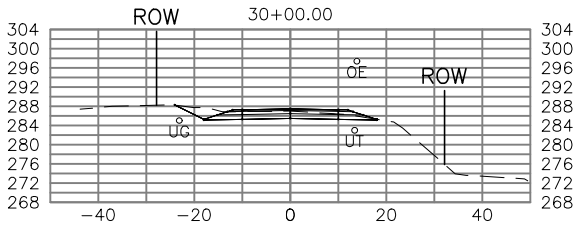
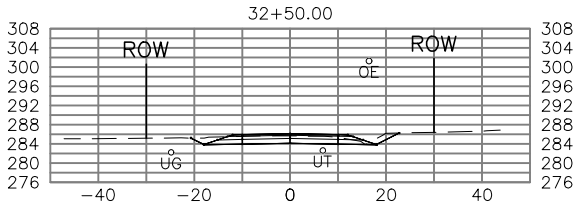
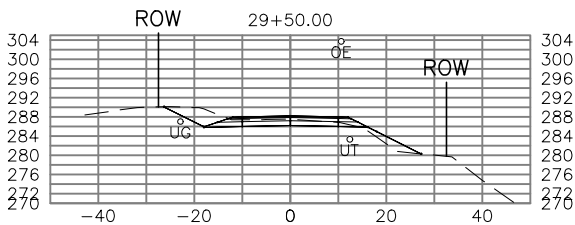
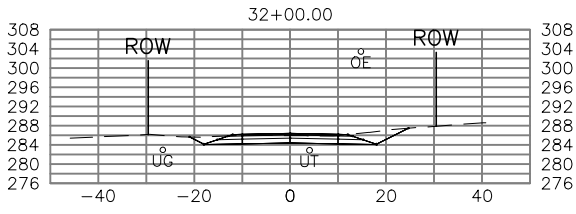
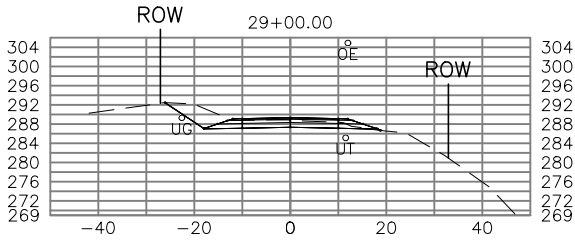
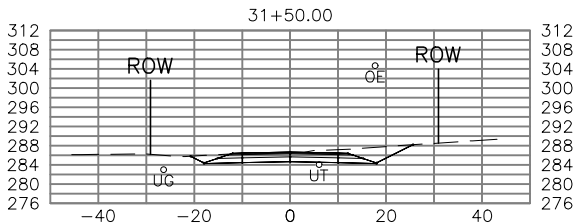
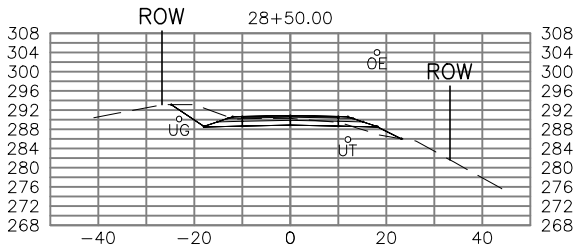
MTA

376-37932 4 OF 8



376-37932 DETAILS FOR
SHEETS 4, 5, & 6.

SHEET NO.	TOTAL SHEETS
XS3	XS5
STATE	YEAR
ALASKA	2026
PROJECT DESIGNATION	
22-17-0268	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
95% SUBMITTAL	
HDL ENGINEERING CONSULTANTS, LLC 3335 ARCTIC BOULEVARD, STE 100 ANCHORAGE, AK 99503 (907) 564-2120 AECLB61	
MATANUSKA-SUSITNA BOROUGH DEPARTMENT OF PUBLIC WORKS PALMER, ALASKA	
W BIRCH HARBOR DRIVE IMPROVEMENTS	
CROSS SECTIONS STA "BH" 22+50 TO 28+00 AM 26-114	

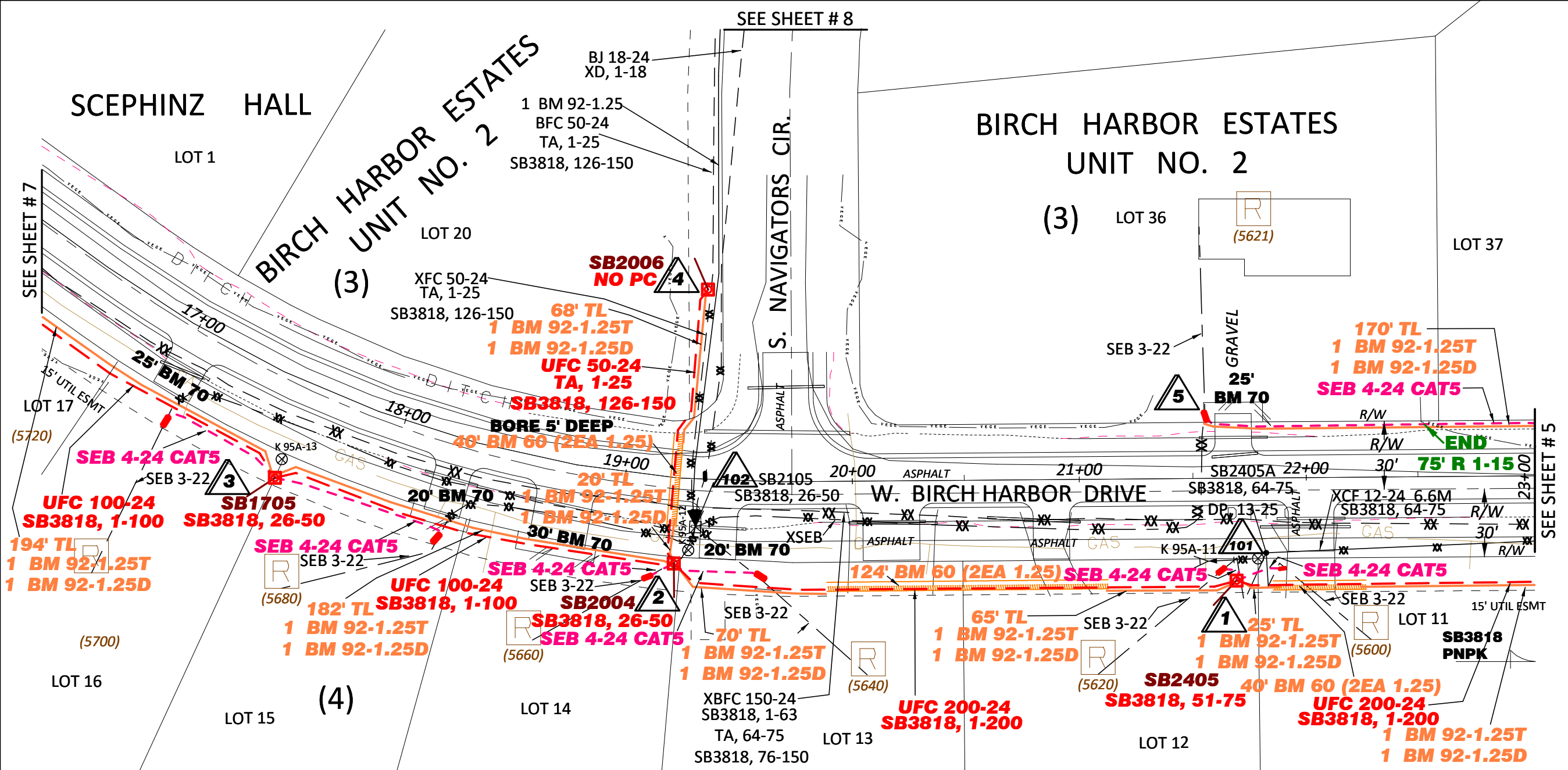


376-37932 DETAILS FOR
SHEETS 4 & 5.

SHEET NO.	TOTAL SHEETS
XS4	XS5
STATE	YEAR
ALASKA	2026
PROJECT DESIGNATION	
22-17-0268	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
NO.	REVISION
DATE	
95% SUBMITTAL	
HDL ENGINEERING CONSULTANTS, LLC 3335 ARCTIC BOULEVARD, STE 100 ANCHORAGE, AK 99503 (907) 564-2120 AECLB61	
MATANUSKA-SUSITNA BOROUGH DEPARTMENT OF PUBLIC WORKS PALMER, ALASKA	
W BIRCH HARBOR DRIVE IMPROVEMENTS	
CROSS SECTIONS STA "BH" 28+50 TO 34+00 AM 26-114	

WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 376-37932
1	TL	5'	*B*=MATERIALS BM 92-1.25T 15	*B* BM 92-1.25D 15									ENGINEER: H.Anderson
1	TL	280'	*B*=MATERIALS BM 92-1.25T 290	*B* BM 92-1.25D 290									CSA:
2	TL	10'	*B* BM 92-16.0mmOR 40										TWN:
4	*B*=UP FROM (2) BM 60 (2EA 1.25)	55'											RNG:
4	TL	15'	*B*=MATERIALS BM 92-1.25T 25	*B* BM 92-1.25D 25									SEC:
1	PEDS-C	1	HC-3 200	0	0	0	0	0	0	0	0		GRID:
2	WHC-1	2	HC-1 2	WC 1	0	0	0	0	0	0	0		MSB or MOA:
4	PEDS-C	1	HC-3 6	0	0	0	0	0	0	0	0		CREATION DATE:
1	BM 30-(25)	1	HC-1 2	HC-1 2	0	0	0	0	0	0	0		NOTES: Scale: 1 TO 50
4	BM 30-(6)	1	HC-1 2	0	0	0	0	0	0	0	0		
													↑ N ↓
													┌┐┐ └└└ ┌┐┐ └└└ ┌ Filename: SS_376-37932 4 OF 8 Staked By: AD\handerson Last Saved: 7/8/2026
													MTA 
													376-37932 4A OF 8

WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 376-37932
6	*B* XBFC 6-24	242'	*B* XBM 92-1.25 242	0	0	0	0	0	0	0	0		ENGINEER: H.Anderson
6	XCF 12-24	237'	XHR 1	0	0	0	0	0	0	0	0		CSA:
1	XBD	1	XBA 1	XBM 11 1	XBM 30 1	0	0	0	0	0	0		TWN:
1	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	WBFC 10	WBFC 10	0	0	0	0		RNG:
101	XBD	1	XBM 30 1	0	0	0	0	0	0	0	0		SEC:
2	WBD C	1	WBFC 5	0	0	0	0	0	0	0	0		GRID:
3	BD-4 AH	1	BA 22 1	BM 2 5/8 1	BM 11 1	*B* WBM 92 () 10	0	0	0	0	0		MSB or MOA:
4	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	WBFC 20	0	0	0	0	0		CREATION DATE:
1	TL	366'	*B*=MATERIALS BM 92-1.25T 376	*B* BM 92-1.25D 376									NOTES: Scale: 1 TO 50 *B* NOTES - LOC 3 IS NOT AN MTA *B* - IT IS REPLACING THE MAIN CABLE, NOT THE TAP.
1	TL	5'	*B* BM 92-1.25T 15	*B* BM 92-1.25D 15									
2	TL	355'	*B*=MATERIALS BM 92-1.25T 365	*B* BM 92-1.25D 365									
2	TL	12'	*B*=MATERIALS BM 92-1.25T 22	*B* BM 92-1.25D 22									
3	*B*=UP FROM (2) BM 60 (2EA 1.25)	55'											
4	*B* BM 60 (2EA 1.25)	55'											
4	TL	15'	*B* BM 92-1.25T 25	*B* BM 92-1.25D 25									
3	TL	10'	*B*=MATERIALS BM 92-1.25T 20	*B*=MATERIALS BM 92-1.25D 20									
101	XPF	1	XNPE-1 1	XPM 11 1	0	0	0	0	0	0	0		
1	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0	0		
2	BM 2D	2	WHC-3 25	HC-3 175	0	0	0	0	0	0	0		
3	PEDS-C	1	HC-3 200	0	0	0	0	0	0	0	0		
4	PEDS-C	1	HC-3 6	0	0	0	0	0	0	0	0		
6	*B* BM 50 (6/12)	1	0	0	0	0	0	0	0	0	0		
2	BM 30-(25)	1	XBM 30 1	WHC-4 1	HC-1 1	WHC-1 2	0	0	0	0	0		⌋⌋⌋ ⌋⌋⌋ ⌋⌋⌋ ⌋ Filename: SS_376-37932 5 OF 8 Staked By: AD\handerson Last Saved: 7/9/2026 MTA 
3	BM 30-(25)	1	0	0	0	0	0	0	0	0	0		
4	BM 30-(6)	1	HC-1 2	0	0	0	0	0	0	0	0		
1	BM 30-(25)	1	WSEB 1	WHC-1 2	WSEB 1	WHC-1 2	0	0	0	0	0		
													376-37932 5A OF 8



WO NUMBER:	376-37932
ENGINEER:	H.Anderson
CSA:	PNPK
TWN:	17N
RNG:	02W
SEC:	26
GRID:	NW3050
MSB or MOA:	HO 16
CREATION DATE:	

NOTES:
Scale: 1 TO 50
CONSTRUCTION NOTES:
CLEARING;
END 75' R 1-15 FROM SHEET 5

SEE SHEET # 5

↑
N
↓

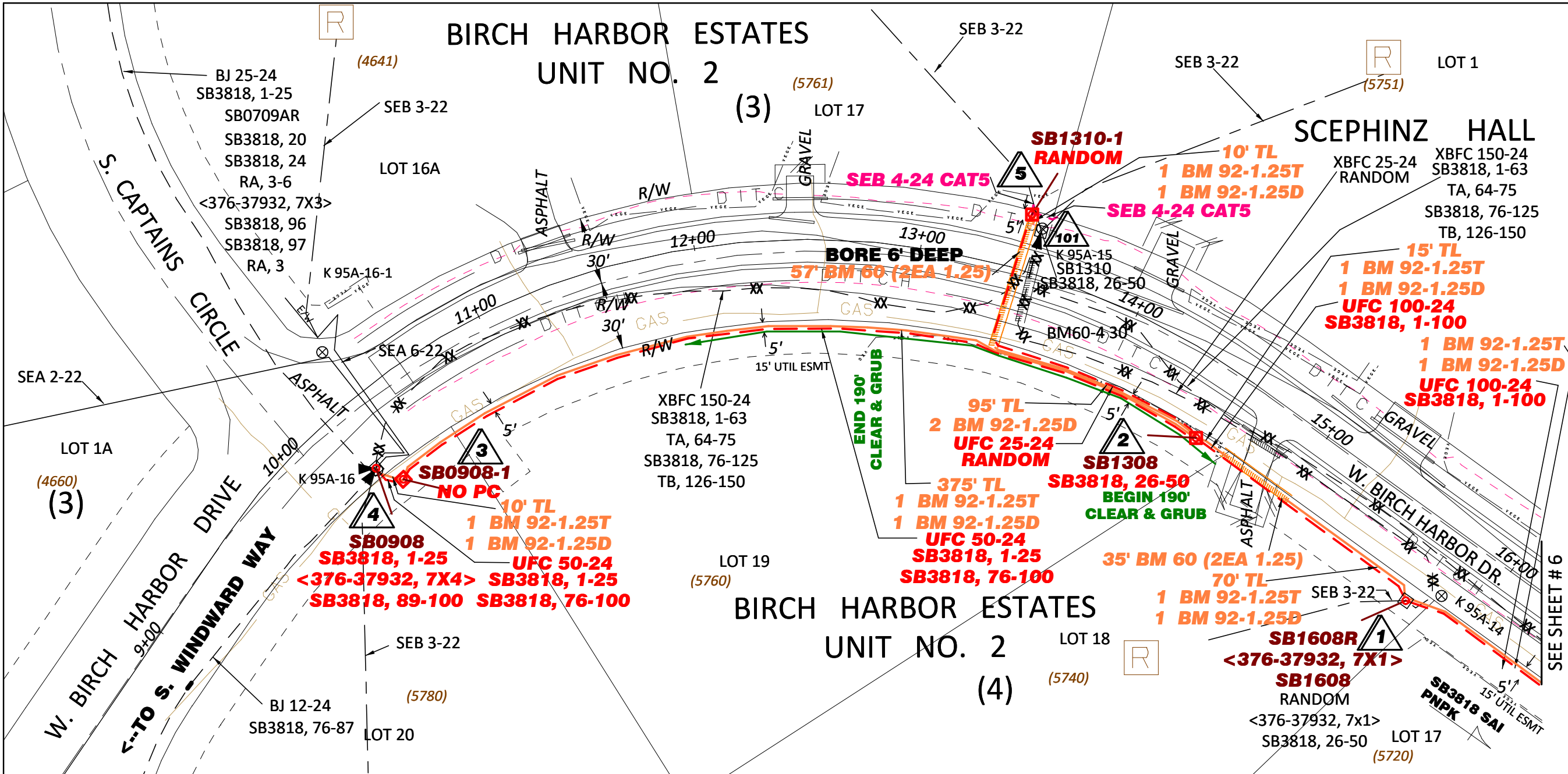
WL	UNIT DESC	QUANTITY	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT
1	*B*=LABOR UFC 200-24	176'	0	0	0	0	0	0	0	0	0	
1	SEB 4-24 CAT5	15'	HBF-2 1	WHC-1 3	0	0	0	0	0	0	0	
1	SEB 4-24 CAT5	25'	HBF-2 1	WHC-1 3	0	0	0	0	0	0	0	
101	XCF 12-24	256'	XHR 1	0	0	0	0	0	0	0	0	
102	XBFC 150-24	729'	0	0	0	0	0	0	0	0	0	
2	SEB 4-24 CAT5	15'	HBF-2 1	WHC-1 2	0	0	0	0	0	0	0	
2	SEB 4-24 CAT5	43'	HBF-2 1	WHC-1 2	0	0	0	0	0	0	0	
2	*B*=LABOR UFC 200-24	278'	BM 70 20	0	0	0	0	0	0	0	0	
3	SEB 4-24 CAT5	80'	HBF-2 1	WHC-1 3	0	0	0	0	0	0	0	
3	SEB 4-24 CAT5	60'	HBF-2 1	WHC-1 3	0	0	0	0	0	0	0	

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WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 376-37932
3	*B*=LABOR UFC 100-24	195'	BM 70 30	BM 70 20	0	0	0	0	0	0			ENGINEER: H.Anderson
4	*B*=LABOR UFC 50-24	129'	XBFC 50-24 105	0	0	0	0	0	0	0			CSA:
5	SEB 4-24 CAT5	178'	R 1-15 S REGION 75	BM 70 25	WBFC 15	HBF-2 1	WHC-1 3	0	0	0			TWN:
1	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0			RNG:
102	XBD	1	XBA 1	XBM 30 1	0	0	0	0	0	0			SEC:
2	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0			GRID:
3	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0			MSB or MOA:
4	BD-4 AH	1	BA 22 1	BM 2 5/8 1	BM 11 1	WBFC 30	0	0	0	0			CREATION DATE:
1	TL	105'	*B*=MATERIALS BM 92-1.25T 115	*B* BM 92-1.25D 115									NOTES: Scale: 1 TO 50
1	TL	25'	*B*=MATERIALS BM 92-1.25T 35	*B* BM 92-1.25D 35									
1	*B*=UP FROM (2) BM 60 (2EA 1.25)	40'											
2	TL	65'	*B*=MATERIALS BM 92-1.25T 75	*B* BM 92-1.25D 75									
2	TL	70'	*B*=MATERIALS BM 92-1.25T 80	*B* BM 92-1.25D 80									
2	*B*=UP FROM (2) BM 60 (2EA 1.25)	124'											
2	TL	20'	*B*=MATERIALS BM 92-1.25T 30	*B* BM 92-1.25D 30									
3	TL	182'	*B*=MATERIALS BM 92-1.25T 192	*B* BM 92-1.25D 192									
4	*B*=UP FROM (2) BM 60 (2EA 1.25)	40'											
4	TL	68'	*B*=MATERIALS BM 92-1.25T 78	*B* BM 92-1.25D 78									
5	TL	170'	*B*=MATERIALS BM 92-1.25T 180	*B* BM 92-1.25D 180									
101	XPF	1	XNPE-1 1	XPM 11 1	WC 1	0	0	0	0	0			
1	PEDS-C	1	HC-3 200	0	0	0	0	0	0	0			
2	PEDS-C	1	HC-3 150	0	0	0	0	0	0	0			
3	PEDS-C	1	HC-3 100	0	0	0	0	0	0	0			
4	PEDS-C	1	BM 2C 1	WHC-3 50	0	0	0	0	0	0			Filename: SS_376-37932 6 OF 8 Staked By: AD\handerson Last Saved: 7/8/2026
1	BM 30-(25)	1	0	0	0	0	0	0	0	0			
2	BM 30-(25)	1	HC-1 2	HC-1 2	0	0	0	0	0	0			
3	BM 30-(25)	1	HC-1 2	HC-1 2	0	0	0	0	0	0			
													MTA 
													376-37932 6A OF 8



WO NUMBER:
376-37932

ENGINEER:
H.Anderson

CSA: PNP

TWN: 17N

RNG: 02W

SEC: 26

GRID: NW3050

MSB or MOA: HO 16

CREATION DATE:

NOTES:
Scale: 1 TO 50

190' MSB CLEAR AND GRUB/STUMP
12+80 RT to 14+70 RT
OUTER 5' OF UTILITY EASEMENT

WL	UNIT DESC	QUANTITY	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT	UNIT/QT
5	SEB 4-24 CAT5	25'	HBFC-2 1	WHC-1 2	0	0	0	0	0	0	0	
5	SEB 4-24 CAT5	15'	HBFC-2 1	WHC-1 2	0	0	0	0	0	0		
1	*B*=LABOR UFC 100-24	198'	BM 70 25	0	0	0	0	0	0	0		
101	XBFC 25-24	271'	0	0	0	0	0	0	0	0		
2	*B*=LABOR UFC 100-24	118'	0	0	0	0	0	0	0	0		
3	*B*=LABOR UFC 50-24	377'	R 1-15 S Region 190	0	0	0	0	0	0	0		
4	*B*=LABOR UFC 50-24	16'	0	0	0	0	0	0	0	0		
4	XBFC 150-24	344'	0	0	0	0	0	0	0	0		
5	*B*=LABOR UFC 25-24	165'	0	0	0	0	0	0	0	0		
5	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0		

Filename:
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WL	UNIT DESC	QUANTITY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	UNIT/QTY	WO NUMBER: 376-37932
101	XBD	1	XBM 30 1	0	0	0	0	0	0	0			ENGINEER: H.Anderson
2	BD-4 AH	1	BA 22 1	BM 2 5/8 1	BM 11 1	0	0	0	0	0			CSA:
3	BD-4 AH	1	BA 22 1	BM 2A 1	BM 11 1	0	0	0	0	0			TWN:
1	TL	70'	*B*=MATERIALS BM 92-1.25T 80	*B* BM 92-1.25D 80									RNG:
1	TL	194'	*B*=MATERIALS BM 92-1.25T 204	*B* BM 92-1.25D 204									SEC:
2	TL	15'	*B*=MATERIALS BM 92-1.25T 25	*B* BM 92-1.25D 25									GRID:
2	*B*=UP FROM BM 60 (2) BM 60 (2EA 1.25)	35'											MSB or MOA:
2	TL	95'	*B* BM 92-1.25D 210										CREATION DATE:
3	TL	375'	*B*=MATERIALS BM 92-1.25T 385	*B* BM 92-1.25D 385									NOTES: Scale: 1 TO 50
4	TL	10'	*B*=MATERIALS BM 92-1.25T 20	*B* BM 92-1.25D 20									
5	*B*=UP FROM BM 60 (2) BM 60 (2EA 1.25)	57'											
5	TL	10'	*B*=MATERIALS BM 92-1.25T 20	*B* BM 92-1.25D 20									
1	BM 2C	2	WHC-3 25	0	0	0	0	0	0	0			
2	PEDS-C	1	HC-3 50	0	0	0	0	0	0	0			
3	PEDS-C	1	HC-3 50	0	0	0	0	0	0	0			
4	BM 2C	1	WHC-3 25	WHC-3 25	WBD C 1	WBFC 5	0	0	0	0			
5	PEDS-C	1	HC-3 25	0	0	0	0	0	0	0			
5	BM 30-(25)	1	HC-1 2	HC-1 2	0	0	0	0	0	0			
1	BM 30-(25)	1	XBM 30 1	WSEB 1	WHC-1 2	0	0	0	0	0			
4	BM 30-(12)	1	XBM 30 1	WHC-4 6	WSEA 2	WHC-1 2	WHC-1 2	WSEB 1	WHC-1 2	0			
5	BM 30-(25)	1	WSEB 1	WHC-1 2	WSEB 1	WHC-1 2	0	0	0	0			
													↑ -N- ↓ Filename: SS_376-37932 7 OF 8 Staked By: AD\handerson Last Saved: 5/4/2026 MTA 
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